

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eric Langlois</td> <td>06/06/2008</td> </tr> <tr> <td>Thomas Chen</td> <td>06/24/2008</td> </tr> <tr> <td>Xin Zhang</td> <td>06/12/2008</td> </tr> <tr> <td>Kieran P. Harney</td> <td>07/28/2008</td> </tr> </tbody> </table>		Name	Execution Date	Eric Langlois	06/06/2008	Thomas Chen	06/24/2008	Xin Zhang	06/12/2008	Kieran P. Harney	07/28/2008
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Eric Langlois	06/06/2008										
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Xin Zhang	06/12/2008										
Kieran P. Harney	07/28/2008										
RECEIVING PARTY DATA											
Name:	Analog Devices, Inc.										
Street Address:	One Technology Way										
City:	Norwood										
State/Country:	MASSACHUSETTS										
Postal Code:	02062-9106										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12133599</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12133599						
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CORRESPONDENCE DATA											
Fax Number:	(617)443-0004										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	617-443-9292										
Email:	etrudell@bromsun.com										
Correspondent Name:	Steven G. Saunders										
Address Line 1:	Bromberg & Sunstein LLP, 125 Summer St.										
Address Line 4:	Boston, MASSACHUSETTS 02110-1618										
ATTORNEY DOCKET NUMBER:	2550/B99										
NAME OF SUBMITTER:	Steven G. Saunders										
Total Attachments: 16 source=eet2550B99_AZ#page1.tif											

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ASSIGNMENT

ASSIGNOR: Eric Langlois
Thomas Chen
Xin Zhang
Kieran P. Harney

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

INVENTION: Microphone with Aligned Apertures

ATTORNEY DOCKET: 2550/B99

SERIAL NO: 12/133,599

FILING DATE: June 5, 2008

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: June 6, 2008

Eric Langlois
Eric Langlois, Assignor

COMMONWEALTH OF MASSACHUSETTS

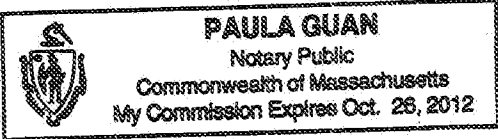
County of Middlesex, ss. 6/6, 2008

On this 6 day of June, 2008, before me, the undersigned notary public, personally appeared Eric Langlois, proved to me through satisfactory evidence of identification, which consisted of MA Drivers License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Paula Guan
Notary Public

My commission expires: 10/26/2012



Date: _____

Thomas Chen, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Thomas Chen, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: _____

Xin Zhang, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Xin Zhang, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: _____

Kieran P. Harney, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

ASSIGNMENT

ASSIGNOR: Eric Langlois
Thomas Chen
Xin Zhang
Kieran P. Harney

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

INVENTION: Microphone with Aligned Apertures

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Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____

Eric Langlois, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Eric Langlois, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: 6/24/2008

Thomas Chen
Thomas Chen, Assignor

COMMONWEALTH OF MASSACHUSETTS

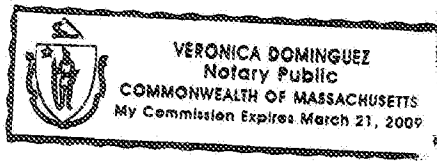
County of MIDDLESEX, ss.

6/24, 2008

On this 24TH day of JUNE, 2008, before me, the undersigned notary public, personally appeared Thomas Chen, proved to me through satisfactory evidence of identification, which consisted of MA DRIVER'S LICENSE, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Veronica Dominguez
Notary Public



My commission expires: 3/21/09

Date: _____

Xin Zhang, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2008

On this ___ day of _____, 2008, before me, the undersigned notary public, personally appeared Xin Zhang, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: _____

Kieran P. Harney, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

ASSIGNMENT

ASSIGNOR: Eric Langlois
Thomas Chen
Xin Zhang
Kieran P. Harney

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

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IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____
Eric Langlois, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Eric Langlois, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal _____
Notary Public
My commission expires:

Date: _____

Thomas Chen, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Thomas Chen, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: 6/12/2008

Xin Zhang
Xin Zhang, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss.

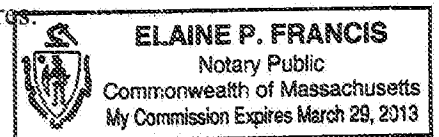
June 12, 2008

On this 12 day of June, 2008, before me, the undersigned notary public, personally appeared Xin Zhang, proved to me through satisfactory evidence of identification, which consisted of MAS OREVIC LJC, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Elaine P. Francis
Notary Public

My commission expires:



Date: _____

Kieran P. Harney, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

ASSIGNMENT

ASSIGNOR: Eric Langlois
Thomas Chen
Xin Zhang
Kieran P. Harney

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

INVENTION: Microphone with Aligned Apertures

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IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____

Eric Langlois, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss.

_____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Eric Langlois, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: _____

Thomas Chen, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Thomas Chen, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: _____

Xin Zhang, Assignor

COMMONWEALTH OF MASSACHUSETTS

County of _____, ss. _____, 2008

On this ____ day of _____, 2008, before me, the undersigned notary public, personally appeared Xin Zhang, proved to me through satisfactory evidence of identification, which consisted of _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

Notary Public

My commission expires:

Date: 28 July 08


Kieran P. Harney, Assignor

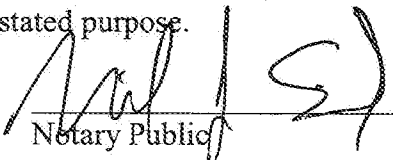
COMMONWEALTH OF MASSACHUSETTS

County of Middlesex, ss.

7/28, 2008

On this 28 day of July, 2008, before me, the undersigned notary public, personally appeared Kieran P. Harney, proved to me through satisfactory evidence of identification, which consisted of MA ID# L2C, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal


Notary Public

My commission expires:

